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**FEDERAL-STATE-PRIVATE
COOPERATIVE SNOW SURVEYS**



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PROCUREMENT SECTION
CURRENT SERIAL RECORDS

WATER SUPPLY OUTLOOK FOR NEVADA

Prepared by

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

NEVADA DEPARTMENT of CONSERVATION and NATURAL RESOURCES
DIVISION of WATER RESOURCES

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed on the last page of this report.

AS OF
MAR. 1, 1972

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters of key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO NUMBER ORC 221-3

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 970, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR NEVADA

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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WASHINGTON, D.C.

|||||

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INDEX TO NEVADA SNOW COURSES

(By Basins)

Refer to the map on the following page for Snow Course locations.

NUMBER NAME SEC. TWP. RGE. ELEV.

SNAKE RIVER BASIN

SNAKE RIVER				
15H1MA	BEAR CREEK	31	46N	58E 7800
15H2	FOX CREEK	33	46N	58E 6800
15H13A	GOAT CREEK	31	46N	60E 8800
15H15A	HUMMINGBIRD SPRINGS	6	45N	60E 8945
14H1	JACKS CREEK	6	42N	62E 7000
15H20a	MERRITT MOUNTAIN	10	46N	54E 7000
15H14A	POLE CREEK RANGER STATION	13	46N	59E 8330
15H18a	RED POINT	15	47N	61E 7940
15H3A	76 CREEK	6	44N	58E 7100
15H19a	STAG MTN.	29	41N	58E 7800

OWYHEE RIVER				
15H4MP	BIG BEND	30	45N	56E 6700
16H6a	COLUMBIA BASIN	31	44N	53E 6650
16H8a	FAWN CREEK	2	45N	52E 7000
15H5	GOLD CREEK	32	45N	56E 6600
16H1M	JACK CREEK, LOWER	18	42N	53E 6800
16H2A	JACK CREEK, UPPER	9	42N	53E 7250
16H4	JACKS PEAK	28	42N	53E 8420
16H5	LAUREL CANYON	20	45N	53E 6700
17G4a	LOUSE CANYON (OREG.)	27	40S	44E 6440
15H9MP	TAYLOR CANYON	35	39N	53E 6200

INTERIOR

UPPER HUMBOLOT RIVER				
15J17a	AMERICAN BEAUTY	32	31N	58E 7800
15J12A	CORRAL CANYON	27	28N	57E 8500
15J1MP	DOORSEY BASIN	28	35N	60E 8100
15J3	ORY CREEK	5	34N	60E 6500
15H7	FRY CANYON	31	43N	54E 6700
15J9MP	GURSH MOUNTAIN	23	29N	57E 8000
15J10	HARRISON PASS #1	9	28N	57E 6600
15J11	HARRISON PASS #2	16	28N	57E 7400
15J4	LAMOILLE #1	15	32N	58E 7100
15J5	LAMOILLE #2	14	32N	58E 7200
15J6M	LAMOILLE #3	24	32N	58E 7700
15J7	LAMOILLE #4	19	32N	59E 8000
15J8P	LAMOILLE #5	31	32N	59E 8700
15J18a	POLE CANYON	31	35N	61E 9160
15J16a	ROBINSON LAKE	23	33N	59E 9200
15H6MP	ROOGE FLAT	36	43N	53E 6800
15J2	RYAN RANCH	1	34N	59E 5800
15H8	TREMEAN RANCH	9	39N	55E 5700
15H10P	TROUT CREEK, LOWER	28	37N	61E 6900
15H11A	TROUT CREEK, UPPER	4	36N	61E 8500

LOWER HUMBOLOT RIVER				
17K1	BIG CREEK CAMP GROUND	10	17N	43E 6600
17K2	BIG CREEK MINE	23	17N	43E 7600
17K3	BIG CREEK, UPPER	26	17N	43E 7800
17H2	BUCKSKIN, LOWER	25	45N	39E 6700
17H1	BUCKSKIN, UPPER	11	45N	39E 8200
17L1	CORRAL, LOWER	12	11N	40E 7500
17L2	CORRAL, UPPER	20	11N	41E 8000
17J2	GOLCONDA #2	22	35N	39E 6000
17H4	GRANITE PEAK	22	44N	39E 7800
17H5	LAMANCE CREEK	13	42N	38E 6000
17H3	MARTIN CREEK	18	44N	40E 6700
16H3AP	MIDAS	18	39N	46E 7200
16H7	TOE JAM a	29	40N	50E 7700

EASTERN NEVADA				
14L1	BAKER #1	29	13N	69E 7950
14L2	BAKER #2	30	13N	69E 8950
14L3	BAKER #3	25	13N	68E 9250
14K2	BERRY CREEK	26	17N	65E 9100
14K1	BIRD CREEK	34	19N	65E 7500
15J13	CAVE CREEK	25	27N	57E 7500
15J14	HAGER CANYON	34	27N	57E 8000
15J15	KALE-IN-MTN	6	35N	61E 7900
14K8	KALAMAZOO CREEK	34	20N	65E 7400
14K3	MURRAY SUMMIT	25	16N	62E 7250
15K1	ROBINSON SUMMIT	34	18N	61E 7600
14K7	SILVER CREEK #2	30	16N	69E 8000
14K5	WARO MOUNTAIN #2	25	15N	62E 8900

CENTRAL GREAT BASIN				
18M2	CAMPITO MTN (CAL.)	19	55	35E 10200
18M5a	CHIATOVICH FLAT	32	25	34E 10500
15N2	CLARK CANYON	8	19S	56E 9000
18M1	MONTGOMERY PASS	4	11N	33E 7110
18M3a	PINCHOT CREEK	28	1N	33E 9300
18M4a	PIUTE PASS (CAL.)	33	45	33E 11700
15N1	TROUGH SPRINGS	23	18S	55E 8500

NORTHERN GREAT BASIN				
19H1	BALD MOUNTAIN	17	45N	21E 6720
20H5	BARBER CREEK (CAL.)	23	39N	16E 6500
20H6	CEGAR PASS (CAL.)	12	43N	14E 7100
18G6a	OENID CREEK (OREG.)	14	41S	34E 6000
18H1	OISASTER PEAK	8	47N	34E 6500
20H3a	OISAL SWAMP (CAL.)	31	48N	17E 7000
20H7	EGAN PEAK (CAL.)	35	40N	15E 7200
19H3	49-MTN	7	42N	19E 6000
19H2	HAYS CANYON	1	39N	18E 6400
19H4a	LITTLE BALLY MTN	8	45N	19E 6000
20H9	MT. BIDWELL	6	47N	16E 7200
20H10	NORTH STAR	13	47N	15E 6200
17G5a	OREGON CANYON (OREG.)	9	40S	40E 7240
17H6a	QUINN RIDGE	9	47N	41E 6300
20H4	RESERVATION CREEK (CAL.)	12	46N	15E 5900
18G5a	TROUT CREEK (OREG.)	10	41S	38E 7800

NUMBER NAME SEC. TWP. RGE. ELEV.

LAKE TAHOE				
20L5	ECHO SUMMIT (CAL.)	6	11N	18E 7450
19L2	FREEL BENCH (CAL.)	36	12N	18E 7300
19K6	GLENBROOK #2	13	14N	18E 6900
19L3MSZ	HAGANS MEADOW (CAL.)	36	12N	18E 8000
20L4	LAKE LUCILLE (CAL.)	28	12N	17E 8200
19K4MSTZ	MARLETTE LAKE	18	15N	19E 8000
20L3	RICHAROSONS #2 (CAL.)	6	12N	18E 6500
20L1	RUBICON #1 (CAL.)	6	13N	17E 8100
20L2	RUBICON #2 (CAL.)	6	13N	17E 8100
20K16	TAHOE CITY (CAL.)	6	15N	17E 6250
19L1	UPPER TRUCKEE (CAL.)	21	12N	18E 6400
20K17M	WARO CREEK (CAL.)	21	15N	16E 7000
20K25STZ	WARO CREEK #2 (CAL.)	21	15N	16E 6750

TRUCKEE RIVER				
20K14	80CA #2 (CAL.)	28	18N	17E 5900
20K22	BROCKWAY SUMMIT (CAL.)	3	17N	16E 7100
20K21	CONNER PARK #2 (CAL.)	18	17N	16E 6000
20K10*	CONNER SUMMIT (CAL.)	25	17N	14E 6900
20K7*	FORDYCE LAKE (CAL.)	34	18N	13E 6500
20K8	FURNACE FLAT (CAL.)	10	17N	13E 6700
19L10	HEAVENLY VALLEY	1	12N	17E 8850
20K4MP	INDEPENDENCE CAMP (CAL.)	34	19N	15E 7000
20K3	INDEPENDENCE CREEK (CAL.)	14	19N	15E 8500
20K5	INDEPENDENCE LAKE (CAL.)	9	18N	15E 8450
19K3	LITTLE VALLEY	17	16N	19E 6300
19K2	MT. ROSE	7	17N	19E 9000
19K7	MT. ROSE SKI AREA	30	17N	19E 9000
20K6	SAGE HEN CREEK (CAL.)	7	18N	16E 6500
20K19	SQUAW VALLEY #2 (CAL.)	6	15N	16E 7500
20K13M	TRUCKEE #2 (CAL.)	22	17N	16E 6400
20K2	WEBBER LAKE (CAL.)	29	19N	14E 7000
20K1*	WEBBER PEAK (CAL.)	30	19N	14E 8000

CARSON RIVER				
19L5	BLUE LAKES (CAL.)	30	9N	19E 8000
19L4	CARSON PASS, UPPER (CAL.)	22	10N	18E 8600
19K5	CLEAR CREEK	6	14N	19E 7300
19L19a	EBBETTS PASS (CAL.)	12	8N	20E 8700
19L16a	FISH VALLEY, UPPER (CAL.)	1	7N	22E 8050
19L06a	POISON FLAT (CAL.)	25	8N	21E 7900
19L18a	WET MEADOWS LAKE (CAL.)	26	9N	19E 8100
19L20a	WOLF CREEK (CAL.)	35	8N	20E 8000

WALKER RIVER				
19L11	BUCKEYE FORKS (CAL.)	20	4N	23E 8500
19L10	BUCKEYE ROUGHS (CAL.)	15	4N	23E 7900
19L12A	CENTER MOUNTAIN (CAL.)	4	3N	23E 9400
18L1	LAPON MEADOW	36	8N	28E 9000
19L8	LEAVITT MEADOWS (CAL.)	4	5N	22E 7200
19L17a	LOBOSILL LAKE (CAL.)	20	7N	24E 9200
18L2	MT. GRANT	23	8N	28E 9000
19L7M	SONORA PASS (CAL.)	1	5N	21E 8800
19L23STZ	SONORA PASS BRIDGE	6	5N	22E 8800
19M1*	TIOGA PASS (CAL.)	30	1N	25E 9900
19L13M	VIRGINIA LAKES (CAL.)	5	2N	25E 9500
19L9	WILLOW FLAT (CAL.)	21	5N	23E 8250
19L22a2	VIRGINIA LAKES RIDGE	32	3N	25E 9200

COLORADO

LOWER COLORADO RIVER				
15N5	KYLE CANYON	27	19S	56E 8200
15N4	LEE CANYON #1	10	19S	56E 8400
15N3	LEE CANYON #2	9	19S	56E 9200
15N8	LEE CANYON #3	10	19S	56E 8500
14M1	MATHEW CANYON	10	6S	70E 6000
14M2	PINE CANYON	23	6S	69E 6200
15N7	RAINBOW CANYON #2	6	20S	57E 8100
15L1	WHITE RIVER #1	31	13N	59E 7400

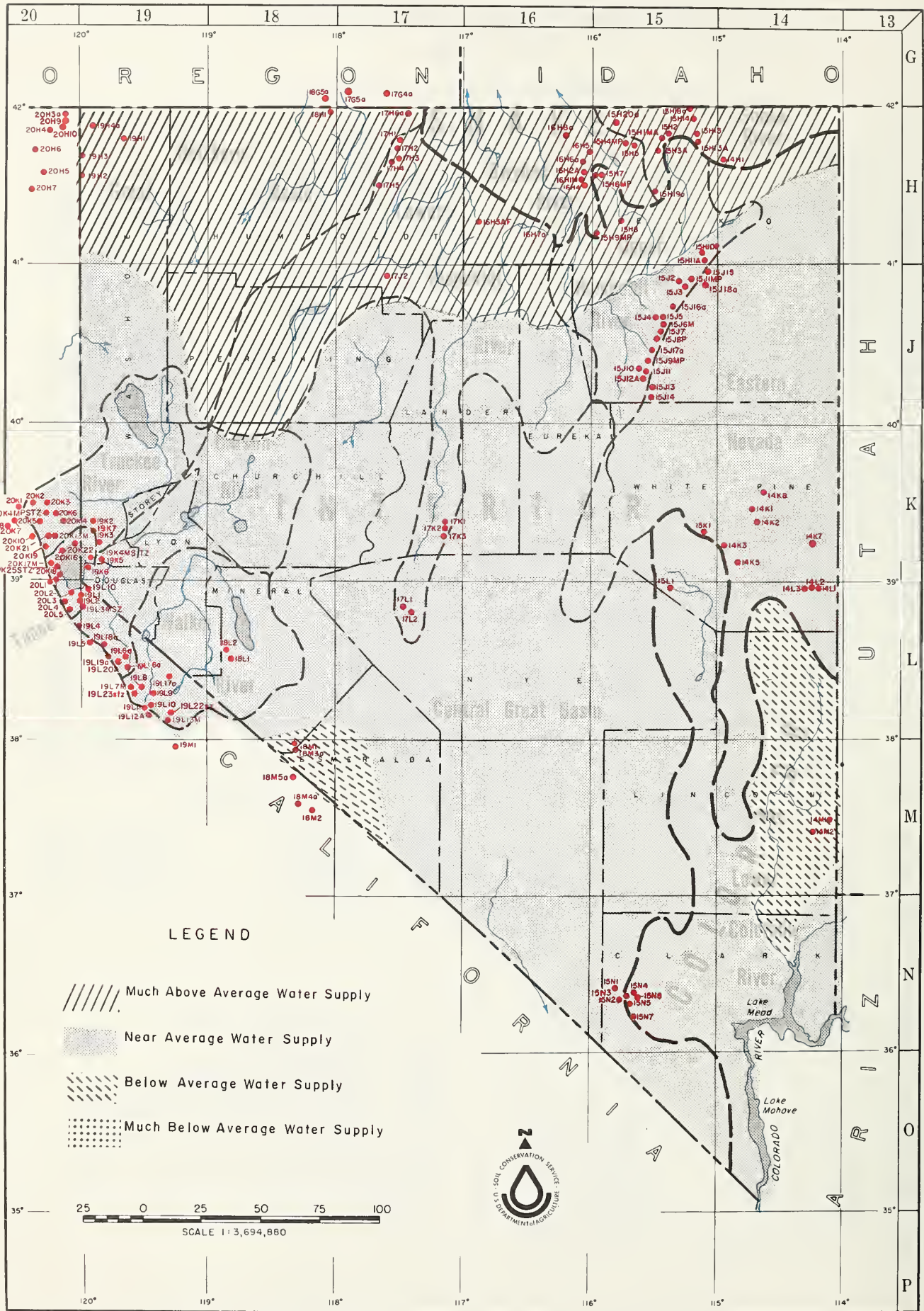
LEGEND NUMBERING SYSTEM (EXAMPLE)

19K4	SNOW COURSE ONLY
19K4S	SNOW COURSE AND SNOW PILLOW
19K4M	SNOW COURSE AND SOIL MOISTURE
19K4A	SNOW COURSE AND AERIAL MARKER
19K4P	SNOW COURSE AND STORAGE PRECIPITATION GAGE
19K4MA	SNOW COURSE, SOIL MOISTURE AND AERIAL MARKER
19K4MP	SNOW COURSE, SOIL MOISTURE AND PRECIPITATION GAGE
19K4STZ	SNOW COURSE, SNOW PILLOW AND TEMPERATURE RADIO TELEMETERED.

LOWER CASE LETTERS m, a, p, s, t, z, INDICATE NO SNOW COURSE, ONLY A SOIL MOISTURE STATION, AERIAL MARKER, STORAGE PRECIPITATION GAGE, SNOW PILLOW, TEMPERATURE, OR RADIO TELEMETERED.

*LOCATED ON ADJACENT WATERSHED

PROSPECTIVE WATER SUPPLY FOR NEVADA



WATER SUPPLY OUTLOOK FOR NEVADA

AS OF MARCH 1, 1972, NEVADA'S WATER SUPPLY REMAINS NEAR AVERAGE TO MUCH ABOVE AVERAGE THROUGHOUT THE STATE. SNOW SURVEYS INDICATE A WIDELY VARYING SNOWPACK. THE NORTH PORTION GENERALLY HAS A MUCH ABOVE AVERAGE SNOW COVER WHILE THE REMAINDER OF THE STATE GENERALLY HAS JUST SLIGHTLY ABOVE AVERAGE SNOW PACK CONDITIONS.

RESERVOIR STORAGE REMAINS EXCELLENT WITH SOME RESERVOIRS FULL OR NEARLY FULL. SUMMER STREAMFLOW IS PREDICTED TO BE SLIGHTLY BELOW AVERAGE IN THE SIERRA NEVADA, WHILE STREAMS IN THE HUMBOLDT DRAINAGE ARE GENERALLY FORECAST AT 130 TO 150 PERCENT OF NORMAL.

Current snowpack conditions remain slightly above average on the east slope of the Sierra Nevada. The Walker drainage has 101 percent of average snowpack and the Carson Watershed has a similar 108 percent of normal snow cover. The Tahoe Truckee Watershed has a 112 percent of average snow conditions. The recent warm temperatures have caused the snowpack to ripen and start to melt in the Truckee, Carson and Walker Watersheds. If these warm temperatures persist through the month, streamflow peaks will be much earlier than normal. Automatic snow sensors indicate the peak snowpack deposition occurred near the first of March in the high mountain watershed areas of the Sierra Nevada. Typically this occurs near the first of April.

The snowpack in the Humboldt drainage ranges from 120 percent of average in the Ruby Mountain range to 175 percent in the Santa Rosa Mountains. The Owyhee River drainage currently has 175 percent of the average snowpack. Central and Southern Nevada Mountains have 110 to 125 percent of normal snowpack except for the Fish Lake Valley and Meadow Valley wash areas which only have a trace of snow at this time.

Streamflow forecasts for the Truckee, Carson and Walker Rivers range near 90 percent of average. The Humboldt River is expected to flow 130 percent at Palisade to 150 percent at Comus, Nevada. The Owyhee River is forecasted at 183 percent near Owyhee, Nevada.

Reservoir storage remains excellent throughout the entire state. Current storage is near 150 percent of average for this date. Combined storage in the Truckee and Carson drainages is 134 percent of average, while the Walker River system has 119 percent of average. This is almost 85 percent of capacity. Rye Patch Reservoir on the Humboldt is full and will insure excellent water supplies in the lower Humboldt drainage. The excellent reservoir storage, coupled with a near to above average predicted streamflow, will produce a good irrigation supply for all water users in the state under a reservoir system. Those relying on direct flow rights throughout the state will have excellent supplies this spring, and only a very few areas in central and southern Nevada may experience late season shortages.



STREAMFLOW FORECASTS (Thousand Acre Feet) as of: March 1, 1972

Forecasts are based on snow-water presently stored in the mountain watersheds and the assumption that precipitation will be near average throughout the forecast period. Peak flow forecasts indicate the most probable range for the maximum average 24-hour flow. All averages are for 1953-67 period.

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average †
<u>TRUCKEE RIVER</u>				
Little Truckee River above Boca, Calif. ¹	Apr.-July	75	93	81
Truckee River at Farad, Calif. ^{1,2}	Apr.-July	240	93	258
Lake Tahoe Rise in Feet (From April 1, assuming gates closed) ²	Apr.-High	1.32	95	1.39
<u>CARSON RIVER</u>				
East Carson near Gardnerville, Nevada	Apr.-July	155	89	175
West Carson at Woodfords, Calif.	Apr.-July	48	94	51
Carson River near Carson City, Nevada	Apr.-July	150	90	166
Carson River at Fort Churchill, Nevada	Apr.-July	135	90	150
<u>WALKER RIVER</u>				
East Walker near Bridgeport, Calif. ¹	Apr.-Aug.	51	85	60
West Walker below Little Walker near Coleville, Calif.	Apr.-July	130	90	143
<u>COLORADO RIVER</u>				
Virgin River at Virgin, Utah	Apr.-June	38	100	38
<u>HUMBOLDT RIVER</u>				
Lamoille Creek near Lamoille, Nevada	Apr.-July	28	112	25
South Fork Humboldt near Elko, Nevada	Apr.-July	75	129	58
Marys River above Hot Springs, Nevada	Apr.-July	37	132	28
North Fork Humboldt at Devils Gate, Nevada	Apr.-July	43	165	26
Humboldt River at Palisade, Nevada	Apr.-July	202	131	154

† 1953-1967 period.

STREAMFLOW FORECASTS (Thousand Acre Feet) as of: March 1, 1972

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average [†]
<u>HUMBOLDT RIVER</u> (CONTINUED)				
Humboldt River at Comus, Nevada	Apr.-July	165	150	110
Martin Creek near Paradise, Nevada	Apr.-July	20	142	14
<u>SNAKE RIVER</u>				
Owyhee River near Owyhee, Nevada ¹	Apr.-July	110	183	60
Owyhee River near Gold Creek, Nevada ¹	Apr.-July	39	243	16
Salmon Falls Creek near San Jacinto, Nevada	Mar.-July	114	173	67
<u>SURPRISE VALLEY</u>				
Bidwell Creek near Ft. Bidwell, Calif.	Apr.-July	19.5	169	11.5
Mill Creek near Cedarville, Calif.	Apr.-July	8.0	170	4.7
Deep Creek near Cedarville, Calif.	Apr.-July	5.8	175	3.3
Eagle Creek near Eagleville, Calif.	Apr.-July	7.8	181	4.3
¹ Corrected for storage ² Forecast issued by Truckee Basin Committee				

[†] 1953-1967 period.

PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average †
Little Truckee River - Inflow to Stampede Reservoir	900-1025	902
East Fork Carson River near Gardnerville, Nevada	1475-1625	1,724
Carson River near Carson City, Nevada	1580-1760	1,825
Carson River at Fort Churchill, Nevada	1425-1575	1,678
West Walker River below Little Walker near Coleville, Calif.	1550-1610	1,548

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson River near Gardnerville, Nevada	200	7/10	7/23

SOIL MOISTURE MEASUREMENTS

STATION	Profile (Inches)		Soil Moisture (Inches)		
	Depth	Capacity	Date	This Year	Average †
<u>OWYHEE-HUMBOLDT BASIN</u>					
Bear Creek	72	16.9	Delayed		10.6*
Big Bend	48	16.7	2/24	13.9	15.4*
Rodeo Flat	42	11.0	2/25	6.1	10.6*
Taylor Canyon	48	15.1	2/25	8.7	13.0*
<u>TAHOE-TRUCKEE BASIN</u>					
Hagans Meadow	36	3.7	2/29	3.1	3.3*
Independence Camp	34	6.1	3/2	2.7	5.6*
Marlette Lake	50	3.7	2/28	1.3	3.1*
Ward Creek	49	5.8	3/1	3.8	5.6*
<u>WALKER BASIN</u>					
Sonora Pass	48	8.3	2/24	5.7	
Virginia Lakes Ridge	40	5.0	2/25	2.0	
* Adjusted average					

† 1953-1967 period.

RESERVOIR STORAGE (Thousand Acre Feet) as of March 1, 1972

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
Owyhee	Wild Horse	72	59	47	15
Lower Humboldt	Rye Patch	179	179	185	74
Colorado	Mohave	1,810	1,666	1,700	1,697
Colorado	Mead	27,217	17,741	16,523	16,416
Tahoe	Tahoe	732	521	530	412
Truckee	Boca	41	31	32	6
Truckee	Stampede	220	121	103	**
Truckee	Prosser***	30	8	9	8*
Carson	Lahontan	314	267	231	191
West Walker	Topaz	59	42	43	39
East Walker	Bridgeport	42	41	37	31
* Adjusted average ** Storage began August 1, 1969 *** Flood control use allocation of 20,000 acre-feet between November 1 and April 10.					

TOTAL RESERVOIR STORAGE (Thousand Acre Feet)

MONTH	This Year	Last Year	Average †
October 1	1,038	936	656
January 1	1,100	1,026	660
February 1	1,111	1,072	715
March 1	1,140	1,105	768
April 1		1,175	839
May 1		1,212	890
The above data developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1,000 Acre-Feet. TOTAL USABLE CAPACITY 1,439			

† 1953-1967 period.

SNOW COURSE MEASUREMENTS

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
				Last Year	Average †
<u>LAKE TAHOE</u>					
Echo Summit (Calif.)	2/29	87	33.3	32.1	28.7
Freel Bench (Calif.)	2/29	37	13.6	13.9	10.6*
Glenbrook #2	2/27	34	10.8	12.2	10.4
Hagans Meadow	2/29	47	17.2	14.0	15.7*
Heavenly Valley	2/29	66	25.1	26.4	-
Lake Lucille (Calif.)	3/1	130	48.6	59.0	-
Marlette Lake	2/28	49	17.6	16.6	17.5
Richardsons #2 (Calif.)	2/27	47	15.9	18.4	14.9
Rubicon #1 (Calif.)	3/1	115	41.2	48.2	38.3
Rubicon #2 (Calif.)	3/1	69	26.4	28.6	23.6
Tahoe City (Calif.)	2/26	34	13.0	-	10.2
Tahoe City Alternate (Calif.)	2/26	41	14.5	-	-
Tahoe City Cross (Calif.)	2/26	54	19.0	-	-
Upper Truckee (Calif.)	2/28	33	12.4	14.2	8.9*
Ward Creek #2 (Calif.)	3/1	98	40.4	39.3	34.3
Ward Creek #3 (Calif.)	3/1	92	38.8	37.3	-
<u>TRUCKEE RIVER</u>					
Boca #2 (Calif.)	2/29	18	6.8	10.2	6.1
Brockway Summit (Calif.)	2/25	42	13.0	15.5	-
Donner Park #2 (Calif.)	2/29	49	18.8	22.8	15.6*
Donner Summit (Calif.)	2/29	88	35.2	38.7	30.8
Fordyce Lake (Calif.)	2/29	92	36.2	40.5a	30.2*
Furnace Flat (Calif.)	2/29	109	42.6	41.0a	35.2*
Independence Camp (Calif.)	3/2	55	21.7	24.8	19.4
Independence Creek (Calif.)	3/2	34	11.8	16.6	12.8
Independence Lake (Calif.)	3/2	92	34.1	43.2	32.3
Little Valley	2/29	24	8.7	14.2	8.8*
Mt. Rose Ski Area	3/1	84	32.2	41.6	-
Sage Hen Creek (Calif.)	3/2	46	18.8	21.0	16.1
Squaw Valley #2 (Calif.)	3/3	109	42.9	52.9	41.9*
Truckee #2 (Calif.)	2/25	44	13.3	16.2	14.1
<u>CARSON RIVER</u>					
Carson Pass, Upper (Calif.)	3/1	78	30.9	32.0a	28.4
Clear Creek	2/26	38	13.0	14.6	11.1
Ebbetts Pass (Calif.)	2/26	82	31.1a	30.8a	-
Fish Valley, Upper (Calif.)	2/26	40	14.8a	11.4a	11.7*
Poison Flat	2/26	33	11.9a	10.1a	14.4*
Wet Meadows Lake (Calif.)	2/26	60	22.2a	20.3a	-
Wolf Creek (Calif.)	2/26	86	32.7a	20.5a	-

† 1953-1967 period.

SNOW COURSE MEASUREMENTS

SNOW COURSE MEASUREMENTS	THIS YEAR			PAST RECORD	
DRAINAGE BASIN and/or SNOW COURSE	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME				Last Year	Average †
<u>WALKER RIVER</u>					
Buckeye Forks (Calif.)	2/28	51	18.9	NS	-
Buckeye Roughs (Calif.)	2/28	40	14.4	18.8	-
Center Mountain	2/29	77	28.9	32.3	-
Lobdell Lake	2/26	30	10.5a	14.4a	-
Sonora Pass (Calif.)	2/24	59	21.9	21.5	19.8
Virginia Lakes (Calif.)	2/25	36	13.9	10.6	15.4
Virginia Lakes Ridge (Calif.)	2/25	39	13.9	14.8	-
<u>NORTHERN GREAT BASIN</u>					
Bald Mountain	2/28	16	5.4	0.3	3.1
Barber Creek (Calif.)	3/1	49	17.0	8.8	9.4*
Cedar Pass (Calif.)	3/3	66	24.4	12.9	12.2
Denio Creek (Oreg.)	3/7	0	0.0	-	0.5*
Disaster Peak	2/23	44	15.7	10.8	12.6
Dismal Swamp (Calif.)	2/29	62	21.7	-	13.4*
49 Mountain	2/25	26	6.7	0.5	3.9*
Hays Canyon	2/25	17	4.7	0.6	3.4*
Little Bally Mountain	2/29	10	3.5	-	2.1*
Oregon Canyon (Oreg.)	3/7	12	4.2	-	5.2*
Quinn Ridge	3/7	0	0.0	-	2.3*
Reservation Creek (Calif.)	2/29	43	17.5	7.8	9.2*
Trout Creek (Oreg.)	3/7	16	5.6	8.1a	6.3*
<u>SNAKE RIVER</u>					
Bear Creek	3/7	64	25.0	22.1	15.3*
Fox Creek	3/7	35	12.7	12.3	7.9*
Goat Creek	3/7	61	21.8	22.4	14.9*
Hummingbird Springs	3/7	83	30.2	28.0	17.5*
Merritt Mountain	2/25	48	14.9a	2.6a	-
Pole Creek Ranger Station	3/7	68	25.8	23.5	15.3*
Red Point	3/7	40	13.3	14.3	9.5*
76 Creek	2/25	47	15.5a	12.3	9.1*
Stag Mountain	2/25	35	10.5a	2.6a	-
<u>OWYHEE RIVER</u>					
Big Bend	2/24	46	13.4	8.3	6.9
Columbia Basin	2/25	48	13.9a	6.1a	-
Fawn Creek	2/25	31	9.6a	2.6a	-
Gold Creek	2/24	32	9.7	5.5	4.7
Jack Creek, Upper	2/25	37	11.1a	5.2a	8.0
Laurel Draw	2/29	38	12.5	4.0	6.2*
Louse Canyon (Oreg.)	3/7	3	1.1	-	3.1*
Taylor Canyon	2/24	19	5.2	3.1	4.2

† 1953-1967 period.

SNOW COURSE MEASUREMENTS

SNOW COURSE MEASUREMENTS		THIS YEAR		PAST RECORD		
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Last Year				Average †	
<u>UPPER HUMBOLDT RIVER</u>						
American Beauty	2/25	38	12.9	5.2a	-	
Corral Canyon	2/25	48	17.3	6.1a	13.8	
Dorsey Basin	2/28	48	14.1	12.1	9.5	
Dry Creek	2/28	10	3.3	1.9	3.8	
Fry Canyon	2/25	39	10.3	3.7	6.0	
Green Mountain	2/29	38	11.2	11.2	10.6*	
Harrison Pass #1	2/29	16	4.6	1.8	3.8	
Harrison Pass #2	2/29	25	6.7	4.2	5.1	
Lamoille #1	2/23	30	9.0	8.5	8.3	
Lamoille #2	2/23	22	7.4	6.0	7.7	
Lamoille #3	2/23	32	10.9	8.5	10.0	
Lamoille #4	2/23	49	17.7	17.4	15.0	
Lamoille #5	2/23	64	24.6	23.7	21.8	
Pole Canyon	2/25	34	11.9a	7.0a	-	
Robinson Lake	2/25	118	44.8a	18.0a	-	
Rodeo Flat	2/25	31	9.0	0.4	5.5	
Ryan Ranch	2/28	0	0.0	0.0	1.6	
Tent Mountain, Lower	2/25	34	25.8a	26.0a	-	
Tremewan Ranch	2/24	5	0.4	0.0	1.1	
Trout Creek, Lower	3/1	15	3.5	2.4	2.7*	
Trout Creek, Upper	2/25	96	35.5a	16.2a	14.0*	
<u>LOWER HUMBOLDT RIVER</u>						
Big Creek Camp Ground	2/29	2	0.6	1.4	1.6*	
Big Creek Mine	2/29	18	5.3	3.7	3.5*	
Big Creek, Upper	2/29	24	7.0	3.6	4.9*	
Buckskin, Lower	2/24	44	11.4	7.1	6.7	
Buckskin, Upper	2/24	46	14.7	4.7	7.2*	
Corral, Lower	Delayed			1.4	1.2	
Corral, Upper	Delayed			5.0	4.1*	
Golconda #2	2/27	21	7.6	0.9	3.6*	
Granite Peak	2/25	50	15.8	16.3	10.7	
Lamance Creek	2/25	54	17.8	8.4	7.5	
Martin Creek	2/25	41	10.9	7.1	7.8	
Midas	2/22	18	6.3	0.9a	2.5*	
Toe Jam	2/25	26	7.8a	6.1a	-	

† 1953-1967 period.

SNOW COURSE MEASUREMENTS

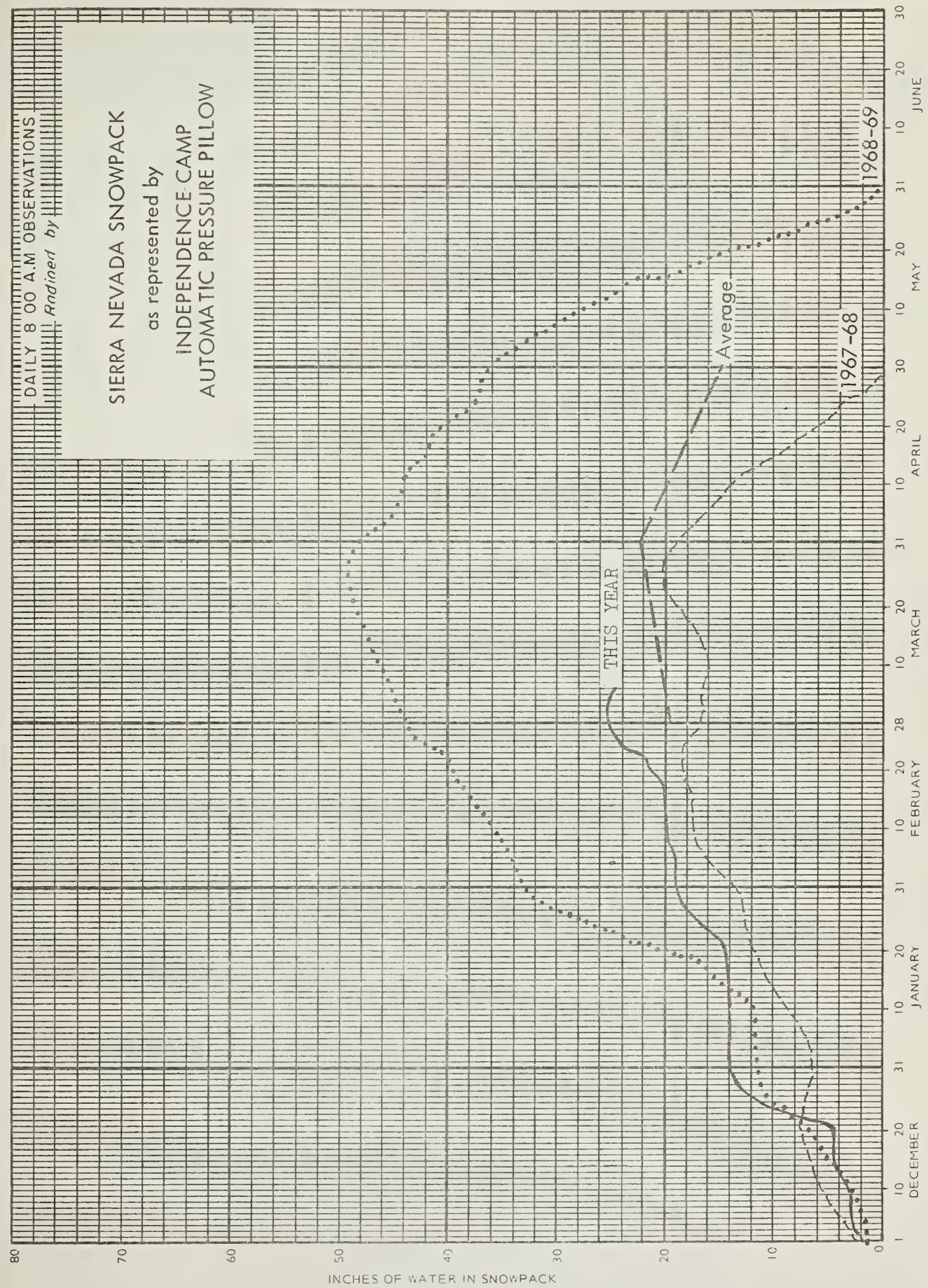
SNOW COURSE MEASUREMENTS		THIS YEAR		PAST RECORD		
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME					Last Year	Average †
<u>EASTERN NEVADA</u>						
Baker #1	2/23	21	6.0	5.9	5.1	
Baker #2	2/23	42	13.4	11.4	11.9	
Baker #3	2/28	41	13.2a	10.8a	13.6	
Berry Creek	2/25	49	14.8	14.9	11.1	
Bird Creek	2/25	14	3.9	3.9	3.5	
Hole-in-Mountain	3/3	90	38.8	22.0	17.5*	
Kalamazoo Creek	2/24	26	7.0	6.5	6.0*	
Mt. Defiance	2/28	56	18.4a	17.1	-	
Murray Summit	2/28	12	3.1	5.3	2.5	
Robinson Summit	2/28	6	1.8	1.4	2.1	
Silver Creek #2	2/28	17	4.8a	6.7a	4.8*	
Ward Mountain #2	2/28	18	5.0a	5.1a	8.2*	
White River #1	2/28	10	2.8	2.6	2.3*	
<u>CENTRAL GREAT BASIN</u>						
Campito Mountain (Calif.)	Est.	0	0.0	2.6	5.4*	
Chiatovich Flat	2/26	12	3.0a	1.4a	-	
Clark Canyon	2/28	19	7.3	5.4	5.8	
Montgomery Pass	2/28	0	0.0	0.0	1.0*	
Pinchot Creek	2/26	0	0.0a	0.0a	5.1*	
Piute Pass (Calif.)	2/26	0	0.0a	0.0a	6.2*	
Trough Springs	2/28	20	4.9	NS	4.6	
<u>LOWER COLORADO RIVER</u>						
Kyle Canyon	2/29	25	9.2	8.2	7.1	
Lee Canyon #2	2/29	22	7.8	6.5	7.2	
Lee Canyon #3	2/29	18	7.5	6.4	5.3*	
Mathew Canyon	2/29	0	0.0	0.4	1.2	
Rainbow Canyon #2	2/29	32	13.8	12.8	10.9	
Pine Canyon	2/29	0	0.0	1.7	1.4	
<u>CORRECTIONS OF FEBRUARY 1, 1972 Snow Course Data</u>						
UPPER HUMBOLDT RIVER-Trout Creek, Upper	1/28	66	23.2a			
CARSON RIVER-Poison Flat	1/29	46	13.3a			
NORTHERN GREAT BASIN-Dismal Swamp	1/24	51	15.3a			
-Little Bally Mt.	1/24	12	3.0a			
<u>DELAYED DATA FOR FEBRUARY 1, 1972</u>						
WALKER RIVER-Tioga Pass	2/1	53	19.7			
NOTE: All averages based on 1953-67, 15 year period. Forecast period is April 1 through July 31 unless otherwise noted. a-Aerial marker; water content estimated. * 1953-67 adjusted average.						

† 1953-1967 period.

U.S.D.A. SOIL CONSERVATION SERVICE DAILY RADIO REPORTS BY AUTOMATIC SNOW MEASURING STATION

DAILY 8 00 A.M. OBSERVATIONS
Redlined by

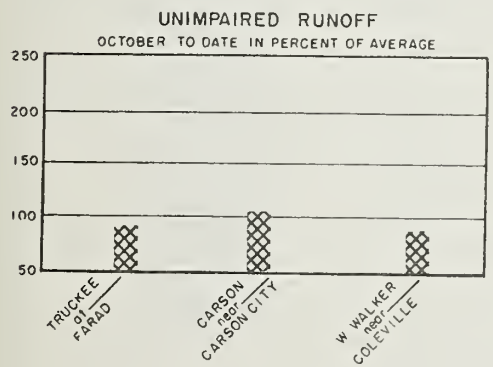
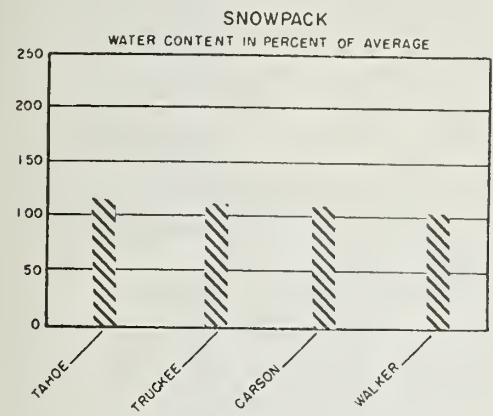
SIERRA NEVADA SNOWPACK
 as represented by
 INDEPENDENCE CAMP
 AUTOMATIC PRESSURE PILLOW





WATER SUPPLY OUTLOOK

FOR THE SOIL CONSERVATION DISTRICTS IN THE TRUCKEE, CARSON and WALKER WATERSHEDS



AS OF MARCH 1, 1972, SNOW COVER ON THE EAST SLOPE OF THE SIERRA NEVADA RANGE IS NEAR AVERAGE. THE UNSEASONABLY WARM WEATHER COUPLED WITH HIGH WINDS HAS DEPLETED THE EXCELLENT SNOW COVER OF LAST MONTH. LAKE TAHOE AND THE TRUCKEE RIVER DRAINAGE NOW HAVE 113 PERCENT OF AVERAGE SNOWPACK. THE CARSON HAS 108 PERCENT, WHILE THE WALKER DRAINAGE HAS BEEN DEPLETED TO 101 PERCENT FOR THIS DATE.

THE EXTREMELY WARM WEATHER HAS RIPENED THE SNOWPACK AND STARTED RUNOFF. IF THE WARM TEMPERATURES PERSIST, STREAMFLOW RUNOFF WILL BE ALMOST A MONTH EARLIER THAN USUAL THIS YEAR.

RESERVOIR STORAGE IS EXCELLENT THROUGHOUT THE ENTIRE AREA. COMBINED STORAGE IN THE TRUCKEE AND CARSON DRAINAGES IS 134 PERCENT OF AVERAGE. STORAGE ON THE WALKER RIVER SYSTEM IS 119 PERCENT OF AVERAGE AND ALMOST 85 PERCENT OF CAPACITY.

STREAMFLOW FORECASTS INDICATE ALL OF THE MAJOR STREAMS IN THE AREA WILL FLOW JUST SLIGHTLY BELOW AVERAGE THIS SUMMER. IF THE NEAR-RECORD TEMPERATURES CONTINUE, SPRING FLOWS WILL BE MUCH GREATER THAN NORMAL, AND PEAK FLOWS WILL ALSO OCCUR MUCH EARLIER.

Report prepared by
D. B. McANDREW and J. D. BOVA
U.S.D.A. - SOIL CONSERVATION SERVICE
P.O. Box 4850, Reno, Nevada
in cooperation with
NEVADA DEPT. OF CONSERVATION
AND NATURAL RESOURCES

STREAMFLOW FORECASTS (1000 Ac. Ft.)

FORECAST POINT	FORECAST	% of Average	Average ⁺
Little Truckee above Boca, Calif.	75	93	81
Truckee at Farad, Calif.	240	93	258
Lake Tahoe Rise (assuming gates closed)	132	95	1.39
East Carson near Gardnerville, Nevada	155	89	175
West Carson at Woodsfords, Calif.	48	94	51
Carson River near Carson City, Nev.	150	90	166
Carson River near Fort Churchill, Nev.	135	90	150
East Walker near Bridgeport, Calif.	51	85	60
West Walker below Little Walker near Coleville, Calif.	130	90	143

SUMMARY of SNOW MEASUREMENTS

WATERSHED	This Years Snow as % of Average ⁺
Tahoe	113
Truckee	112
Carson	108
Walker	101

RESERVOIR STORAGE (Thousand Acre Feet)

RESERVOIR	Capacity	This Year	Average ⁺
Tahoe	732	521	412
Boca	41	31	6
Prosser	30	8	8
Lahontan	314	267	191
Topaz	59	42	39
Bridgeport	42	41	31

SUMMARY of SOIL MOISTURE

RIVER BASIN	This Years Moisture as % of Average ⁺
Truckee	54
Carson	93
Walker	70

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson near Gardnerville	200	7/10	7/23

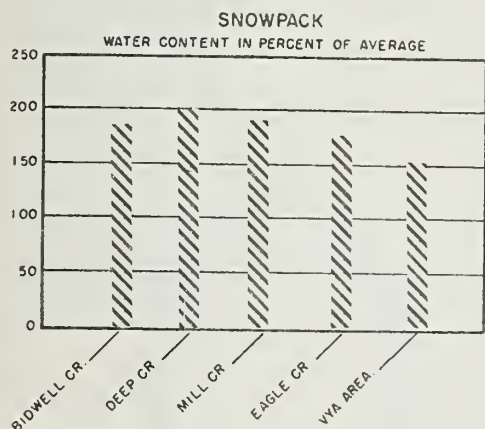
PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average ⁺
Little Truckee River - Inflow to Stampede	900-1025	902
East Fork Carson near Gardnerville	1475-1625	1,724
Carson River near Carson City	1580-1760	1,825
Carson River at Fort Churchill	1425-1575	1,678
West Walker below Little Walker near Coleville, Calif.	1550-1610	1,548

⁺ 1953-1967 period.

WATER SUPPLY OUTLOOK

FOR THE SOIL CONSERVATION DISTRICTS IN THE
SURPRISE VALLEY, CALIFORNIA,
and NORTHWEST NEVADA



THE MARCH 1, 1972, SNOWPACK IS ALMOST TWICE THE AVERAGE EXPECTED ON THIS DATE. SNOW COVER IN THE WARNER MOUNTAINS RANGES FROM 180 TO 200 PERCENT OF AVERAGE, WHILE THE SNOWPACK IN THE MOUNTAINS NORTH AND SOUTH OF VYA EXCEEDS 150 PERCENT. STORMY WEATHER CONDITIONS NEAR THE FIRST OF THE MONTH DELAYED THE AERIAL SNOW MEASUREMENTS ON THE COURSES LOCATED NEAR THE NEVADA-OREGON BORDER, BUT MUCH ABOVE NORMAL SNOW COVER IS ASSUMED FOR THE AREA.

STREAMFLOW IS EXPECTED TO REFLECT THE MUCH ABOVE AVERAGE SNOWPACK AND FLOW NEARLY TWICE AVERAGE ON BIDWELL, MILL, DEEP AND EAGLE CREEKS THIS SUMMER. WATER USERS LOCATED IN SURPRISE VALLEY WILL HAVE AN EXCELLENT WATER YEAR.

Area 2

STREAMFLOW FORECASTS (1000 Ac. Ft.)

FORECAST POINT	FORE-CAST	% of Average	Average +
Bidwell Creek near Ft. Bidwell, Calif.	19.5	169	11.5
Deep Creek above all diversions	5.8	175	3.3
Eagle Creek at Eagleville, Calif.	7.8	181	4.3
Mill Creek above all diversions	8.0	170	4.7

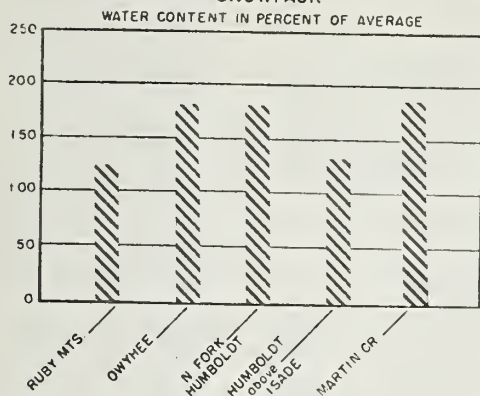
SUMMARY of SNOW MEASUREMENTS

WATERSHED	This Years Snow as % of Average +
Bidwell Creek	190
Deep Creek	200
Eagle Creek	180
Mill Creek	195

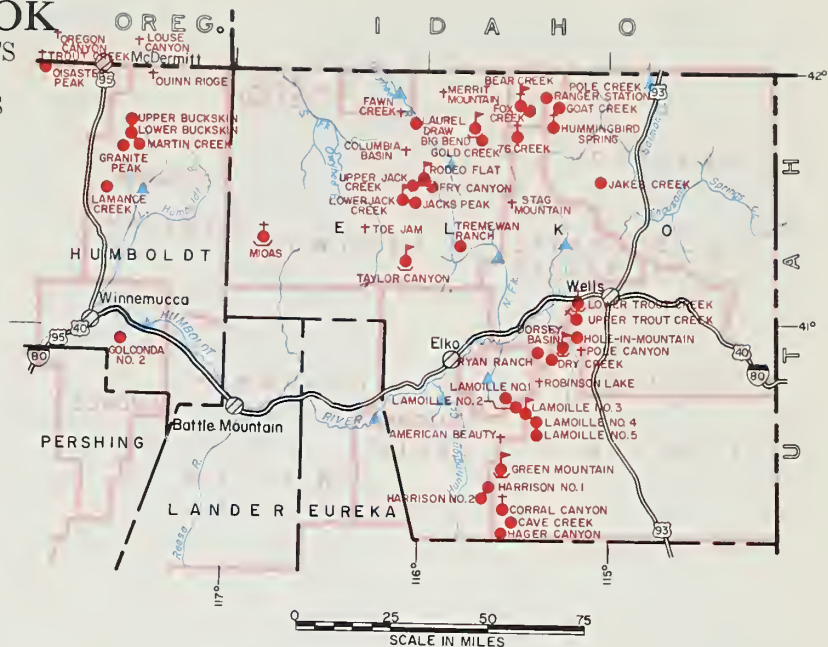
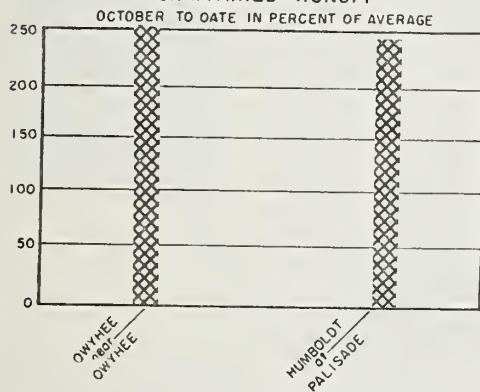
WATER SUPPLY OUTLOOK

FOR THE SOIL CONSERVATION DISTRICTS
IN THE
HUMBOLDT and OWYHEE WATERSHEDS

SNOWPACK



UNIMPAIRED RUNOFF



LEGEND

- | | |
|---------------------------|--|
| — S. C. District Boundary | ○ Snow Pillow |
| — County Boundary | ⚡ Radio Telemetry (or Relay if no other symbol shown). |
| ▲ Forecast Point | 9 Temperature Gage |
| ● Snow Course | □ Radio Base Station |
| + Aerial Snow Depth Gage | ⌋ Precipitation Gage |
| ▶ Soil Moisture Station | |

THE MARCH 1, 1972, SNOWPACK IS MUCH ABOVE AVERAGE THROUGHOUT THE HUMBOLDT AND UPPER OWYHEE RIVER BASINS. THE OWYHEE AND NORTH FORK OF THE HUMBOLDT HAVE 175 TO 185 PERCENT OF AVERAGE SNOWPACK. CURRENT SNOW COVER IN THE SANTA ROSA RANGE IN THE LOWER HUMBOLDT DRAINAGE IS SIMILAR AT 173 PERCENT OF NORMAL. THE SOUTH FORK OF THE HUMBOLDT DRAINAGE BASIN HAS 120 PERCENT OF NORMAL SNOW COVER. THE ENTIRE HUMBOLDT DRAINAGE ABOVE RYE PATCH RESERVOIR AVERAGES NEARLY 140 PERCENT OF SNOWPACK CONDITIONS. SNOWSTORMS NEAR THE FIRST OF MARCH HAVE DELAYED MEASUREMENTS IN THE SALMON FALLS CREEK DRAINAGE BUT NEARLY 200 PERCENT OF NORMAL CONDITIONS CAN BE ASSUMED.

RESERVOIR STORAGE CONDITIONS ARE EXCELLENT WITH RYE PATCH RESERVOIR ON THE LOWER HUMBOLDT BEING FULL AND THE NEW WILD HORSE RESERVOIR ON THE OWYHEE DRAINAGE CONTAINING 83 PERCENT OF CAPACITY.

STREAMFLOW FORECASTS RANGE FROM 112 PERCENT ON LAMOILLE CREEK TO 243 PERCENT ON THE OWYHEE. THE HUMBOLDT AT PALISADE IS EXPECTED TO FLOW 202,000 A.F., WHICH IS 131 PERCENT OF AVERAGE. THE ABOVE NORMAL STORAGE AND STREAMFLOW CONDITIONS INSURE WATER USERS AN EXCELLENT SUPPLY THIS SUMMER.

Area 3

STREAMFLOW FORECASTS (1000 Ac. Ft.)

FORECAST POINT,	FORECAST	% of Average	Average ⁺
Lamoille Creek near Lamoille, Nevada	28	112	25
South Fork Humboldt near Elko, Nevada	75	129	58
Marys River above Hot Springs, Nevada	37	132	28
North Fork Humboldt at Devils Gate, Nev.	43	165	26
Humboldt River at Palisade, Nevada	202	131	154
Humboldt River at Comus, Nevada	165	150	110
Martin Creek near Paradise, Nevada	20	142	14
Owyhee River near Owyhee, Nevada	110	183	60
Owyhee River near Gold Creek, Nevada	39	243	16
Salmon Falls Creek near San Jacinto, Nevada	114	173	67
March-July streamflow			

SUMMARY of SNOW MEASUREMENTS

WATERSHED	This Years Snow as % of Average ⁺
Lamoille	110
South Fork Humboldt	120
North Fork Humboldt	183
Owyhee	173
Lower Humboldt	136
Martin Creek	184
Kings and Quinn Rivers	157

SUMMARY of SOIL MOISTURE

RIVER BASIN	This Years Moisture as % of Average ⁺
Humboldt, North Fork	76
Humboldt, South Fork	65

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Franklin River	Excellent	Average
Kings River	Excellent	Average
Little Humboldt River	Excellent	Excellent
Quinn River	Excellent	Average

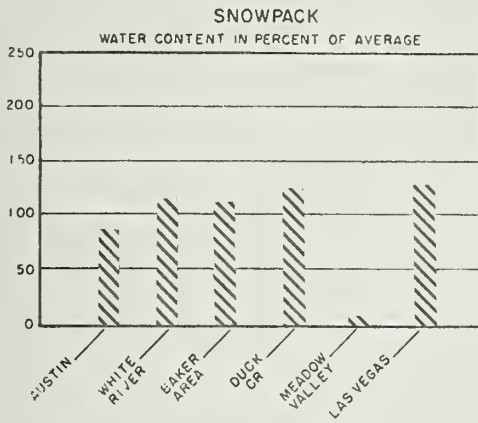
RESERVOIR STORAGE (Thousand Acre Feet)

RESERVOIR	Capacity	This Year	Average ⁺
Rye Patch	179	176	74
Wild Horse	72	59	15

⁺ 1953-1967 period.

WATER SUPPLY OUTLOOK

FOR THE SOIL CONSERVATION DISTRICTS IN
EAST CENTRAL and SOUTHERN NEVADA



AS OF MARCH 1, 1972, THE SNOWPACK RANGES FROM NEAR TO ABOVE AVERAGE IN THE ELY, AUSTIN AND MT. CHARLESTON AREAS TO VIRTUALLY NON-EXISTENT IN THE UPPER MEADOW VALLEY WASH AREA.

THIS YEAR'S SNOWPACK IN WHITE PINE COUNTY GENERALLY RANGES FROM 105 TO 125 PERCENT OF AVERAGE. SIMILARLY, THE SNOW COVER ON MT. CHARLESTON IS 125 PERCENT OF NORMAL. THE TOIYABE RANGE NEAR AUSTIN CURRENTLY HAS 90 PERCENT OF AVERAGE SNOWPACK. THE SNOWPACK RANGES FROM 17 PERCENT TO NON-EXISTENT IN THE FISH LAKE VALLEY AND MEADOW VALLEY WASH AREAS.

WATER SUPPLIES DERIVED FROM DIRECT STREAMFLOW IN WHITE PINE AND LANDER COUNTIES WILL BE SLIGHTLY BETTER THAN AVERAGE THIS YEAR. IF THE WARM TREND ESTABLISHED DURING LATTER FEBRUARY AND EARLY MARCH CONTINUES, THE RUNOFF IS EXPECTED TO BE EARLIER THAN NORMAL THIS YEAR.

Area 4

STREAMFLOW FORECASTS (1000 Ac. Ft.)

FORECAST POINT	FORE-CAST	% of Average	Average ⁺
Virgin River at Virgin, Utah	38 100		38

SUMMARY of SNOW MEASUREMENTS

WATERSHED	This Years Snow as % of Average ⁺
Duck Creek	125
Fish Lake Valley	17
Meadow Valley Wash	no snow
Mt. Charleston Area	125
Reese River	87

RESERVOIR STORAGE (Thousand Acre Feet)

RESERVOIR	Capacity	This Year	Average ⁺
Mohave	1,810	1,666	1,697
Mead	27,217	17,741	16,416

WATER SUPPLY OUTLOOK

Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

STREAM or AREA	Flow Period	
	Spring Season	Late Season
Baker Creek	Average	Average
Duck Creek	Average	Average
Silver Creek	Average	Average
Meadow Valley Wash	Poor	Poor
White River	Average	Average
Reese River	Average	Fair

+ 1953-1967 period.

Agencies Cooperating in Collecting Data Contained in this Bulletin

FEDERAL

- Agricultural Research Service
- Bureau of Reclamation
- Fish and Wildlife Service
- Forest Service
- Geological Survey
- Navy
- Soil Conservation Service
- U. S. District Court - Federal Water Master
- NOAA, National Weather Service

STATE

- California Cooperative Snow Surveys
- California Department of Parks and Recreation
- California Department of Water Resources
- Colorado River Commission of Nevada
- Idaho Cooperative Snow Surveys
- Nevada Association of Conservation Districts
- Nevada Department of Conservation & Natural Resources
 - Division of Water Resources
 - Nevada State Forester
- Oregon Cooperative Snow Surveys
- Utah Cooperative Snow Surveys
- White Mountain Research Station, Univ. of California

PRIVATE

- Amalgamated Sugar Company
- Kennecott Copper Corporation
- Nevada Irrigation District
- Owyhee Project North Board of Control
- Owyhee Project South Board of Control
- Pacific Gas and Electric Company
- Pershing County Water Conservation District
- Sierra Pacific Power Company
- Truckee-Carson Irrigation District
- Walker River Irrigation District
- Washoe County Water Conservancy District

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